## Index of Claims

Application No. 10/042 892

Applicant(s)

Examiner

Art Unit

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| [. | - | (Through numeral)<br>Cancelled |
|----|---|--------------------------------|
| -  | _ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|          |          | 1        | <u>.</u>  |          |          |          |           |          |          |           | L        |          | _        |          |          | _     |
|----------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|-----------|----------|----------|----------|----------|----------|-------|
|          |          |          |           |          | _        |          |           |          |          |           | _        |          |          | ì        |          | _     |
| Cla      | aim      | L        |           |          |          |          | <u>Da</u> | te       |          |           | _        | _        |          |          | -        | C     |
| Final    | Original |          |           |          |          |          |           |          |          |           |          |          |          |          |          | Final |
|          | 1        |          | +         |          |          |          |           |          |          | L         | 1        | _        |          | -        | -        | _     |
| -        | 1 2 3    | Ŀ        | T         | 1        |          |          | _         | 4        |          | -         | +        |          | -        | -        | $\vdash$ | _     |
|          | 3        | 1=       | 1         | +        |          |          | +-        | -        |          | ╀         |          |          | $\vdash$ | 1        | +        |       |
| <b> </b> | 5        | -        | ļ         | +        |          | -        | +         | -        | -        | ╁         | +        | _        | -        | 1        | 1        |       |
|          | 15       | +-       | $\pm$     | +        | _        | ┝        | +         | -        | -        | ╁         | 7        |          | 1        | 1        |          |       |
| -        | 6<br>7   | +;       | $\pm$     | _        |          | -        | +         |          | -        | t         | 1        |          |          |          |          |       |
|          | 8        | 十.       | #         | - 1      | _        | 1_       | I         |          |          |           |          |          | _        | 4        | -        |       |
|          | 9        | 7_       | 4         |          |          |          | 1         | _        | L        | _ _       | 4        |          | 1        | 4        | -        | _     |
|          | 10       | <u> </u> | 7         |          | _        | 1        | 4         | _        | 1        | +         | _        | -        | ╀        | 4        | 1        | _     |
|          | 1        | <u> </u> | #         | _        | -        | ╀        | +         |          | ╁        | +         |          | ┝        | ╁        | $\dashv$ | 1        |       |
| _        | 1        | 2        | 7         | _        | -        | ╁        | +         |          | ╁        | +         | _        | $\vdash$ | +        | -        | Ì        | _     |
| -        | 1        | 3        | $\exists$ | =        | -        | ╁        | -1        | _        | †        | +         | _        | 1        | 1        | ٦        |          |       |
| -        | 1        | 5        | 7         | _        | $\vdash$ | +        | 7         | _        | †        | 7         |          |          | 1        |          | i        | L     |
| -        | 1        | 6 l      | 7         | •        | 1        | 1        |           |          | I        |           |          | L        | 4        | 4        |          | _     |
|          | 1        | 7        | -         | =        |          | 1        |           | _        | 1        | 4         |          | ╀        | +        | $\dashv$ |          | -     |
|          | 1        | 8        |           | _        | 1        | 4        |           | _        | 4        | 4         | _        | ╀        | +        | $\dashv$ |          | +     |
|          | 1        | 9        | Ξ         | Γ-       | +        | +        |           | :-       |          | _         |          | ÷        |          | $\dashv$ |          | Γ     |
| 1_       | 13       | 20       | <u></u>   | -        | ╀        | -1       |           | ├        | +        | -         | -        | +        | +        |          |          | r     |
| -        |          |          |           | 1        | +        | 1        |           | H        | 1        |           |          | 1        | 7        |          |          |       |
| $\vdash$ | +:       | 22<br>23 |           | 1        | †        | $\dashv$ | _         | T        | 1        |           |          | 1        | $\Box$   |          |          |       |
| -        | 1:       | 24       |           | 1        | 1        |          |           | I        |          | _         | L        | 1        | _        | _        | 1        | -     |
|          |          | 25<br>26 |           | 1        | 1        | _        | L         | ↓        | _        |           | L        | 4        | -        |          | 1        | }     |
|          |          | 26       | 7         | 1        | 4        |          | _         | +        | 4        | -         | ╂-       | +        | -        | -        | 1        | H     |
|          | - 1      | 27       | 1_        |          | Ц        |          | -         | ╁        | _        |           | ╁        | -        |          | $\vdash$ | 1        | t     |
| -        |          | 28       | -         | P        | 7        |          | ╁         | +        |          | $\vdash$  | t        | 1        | _        | 1        | 1        | I     |
| -        |          | 29       | ╁         | 1        | 7        |          | t         | †        | _        | 1         | T        | $\Box$   |          |          | ]        |       |
| 1        | -+       | 30<br>31 | ╁         | †        | 7        | _        | 1         | 1        |          |           | I        |          |          | _        | 1        | ١     |
| 1        | _        | 32       | t         | 1        | I        |          | I         |          | _        | L         | 1        | _        | L        | 1        | 4        | 1     |
|          |          | 32<br>33 | I         |          | _        | _        | ╀         | 4        | _        | 1         | 4        |          | -        | ╁        | +        |       |
|          |          | 34       | 1         | 4        | T<br>T   | -        | +         | 4        | -        | ╀         | 1        |          | $\vdash$ | 十        | 1        |       |
| -        |          | 35<br>36 | ╁         | -#       | _        | ╁        | +         |          | -        | $\dagger$ | 1        | _        | 1        | T        | 1        |       |
| }        |          | 37       | +         | 7        | _        | $t^-$    | +         |          | Γ        | T         |          | _        |          | I        | $\Box$   |       |
| t        |          | 38       | 1         | 7        | _        |          | 1         |          |          | 1         |          | _        | 1        | 1        | 4        |       |
| t        |          | 39       |           |          | _        | 1        | 1         |          | <u> </u> | 4         | _        |          | +-       | +        | $\dashv$ |       |
| ĺ        |          | 40       |           | _        | _        | +        | 4         |          | ╀        | +         | _        | -        | ╁        | ╁        | ㅓ        |       |
| - 1      |          | 41       |           |          | -        | +        | -{        | _        | +        | +         |          | -        | +        | +        | $\dashv$ |       |
|          |          | 4:       | 쉬         |          | $\vdash$ | +        | -         | _        | ╁        | 1         |          | 1        | 1        | 1        |          |       |
|          |          | 4        | 4         |          | ╁        | +        | _         |          | †        | $\exists$ |          |          | 1        |          |          |       |
|          |          | 4        | 5         |          | T        | 1        |           |          | I        |           | _        | L        | 1        | 4        |          | 1     |
|          |          | 4        | 6         |          | I        | $\perp$  |           |          | 1        | $\dashv$  | _        | 1        | 4        |          |          | 1     |
|          |          | 14       | 7         |          | L        | 1        | _         | 1        | 4        | _         | -        | +        | +        | $\dashv$ |          | 1     |
|          |          | 14       | 8         | <u> </u> | +        | 4        |           | $\vdash$ | +        | _         | $\vdash$ | +        | +        | $\dashv$ |          | 1     |
|          | -        | 14       | 9         | -        | +        | -        | _         | +        | +        |           | $\vdash$ | +        | +        | -        | -        | 1     |
|          |          | غد       | 90        | 1_       | 1        | 1        | _         |          |          |           | _        |          |          |          |          | _     |

|          | _        |          |               |          | _        |   |           |           |          | -  | _ |           |          |          |           |           | _         |          |
|----------|----------|----------|---------------|----------|----------|---|-----------|-----------|----------|----|---|-----------|----------|----------|-----------|-----------|-----------|----------|
| _        | lai      |          | Τ_            |          | _        | _ | _         | - (       | ) a      | te | : |           | _        |          |           |           |           | L        |
|          | T        |          | -             |          |          | _ | T         |           |          |    |   |           |          |          |           |           |           | 1        |
| Final    |          | Original | 1             |          |          | _ |           | _         | -        |    | - |           |          | -        |           | _         |           | -        |
|          | 4        | 51<br>52 |               | -        | 4        | H | 4         | _         | 1        | _  | ┝ | 1         |          | +        |           | -         | 1         |          |
| _        | 4        | 52       | -             | +        |          | - | -         |           | ╁        | _  | 1 | 1         |          | †        |           |           | 7         |          |
|          | -        | 53       | -             | +        | _        | ┝ | $\dashv$  | _         | †        | _  | T |           |          | 1        |           |           |           |          |
|          | -1       | 54       | +             | +        |          | + | -         | Γ         | 1        | _  | T |           |          |          | _         | L         | 1         | _        |
|          | -        | 56       | =             | +        | _        | t | -         |           | †        |    | T |           |          |          |           | 1         | 4         | L        |
| _        | ᅥ        | 5        | 7             | 7        | _        | T | _         |           |          |    |   | _         | L        | 1        |           | 1         | 4         | -        |
| _        | ┪        | 5        | в             | 7        |          | I |           |           |          | _  | 1 |           |          | 4        |           | +         | $\dashv$  | -        |
|          |          | 5        | 9 ]           | _        | _        | 1 |           | 1         | 4        |    | 4 | _         | ╀        | -        |           | ╀         | ㅓ         | -        |
|          |          | 6        | 0             | _        |          | 4 | _         | 1         | 4        | _  | + | _         | ╁        | $\dashv$ |           | ╁         | -         | <u> </u> |
|          |          | 6        | 1             | -1       |          | 4 | _         | +         | 4        | _  | + | _         | ╁        | -        | -         | +         | ᅦ         | T        |
| _        |          | 6        | 2             | -        | _        | + | _         | +         | -        | -  | 1 | _         | t        |          | ┢         | 1         |           |          |
| L        |          | 15       | 3             | _        | -        | 1 | -         | $\dagger$ | _        | H  | 1 | _         | †        | _        | Γ         | 1         |           |          |
| -        |          | 15       | 54<br>55      |          | -        | 1 |           | +         |          | T  | 7 | _         | 1        | _        |           | 1         |           |          |
| $\vdash$ |          | 1        | 66<br>6       |          | 1        |   | _         | 1         |          |    |   |           | I        | _        | L         | 4         |           |          |
| $\vdash$ | _        | 1        | 37            | _        | T        |   |           | I         | _        | L  | _ | L         | 4        |          | 1         | 4         |           |          |
| T        |          | T        | 68            |          | Γ        |   | L         | 1         |          | 1  | _ | L         | 4        | _        | ╀         | $\dashv$  | _         | 1        |
| !        |          | 1        | 69            |          | 1        |   | _         | -         | _        | 1  | _ | !<br>!-   | -        |          | ╁         | _         |           | 1        |
|          |          | 1        | 70            | L        | 1        | _ | L         | -         |          | +  |   | ╀         | $\dashv$ | _        | +         | -         | ┝         | 1        |
| 1        | _        | -        | 71            | -        | +        |   | ╀         | -         | -        | +  | _ | ╁         | -        | -        | †         | _         |           | 1        |
| -        | _        | 4        | 72<br>73      | ╀        | +        | _ | ╀         | _         | ┝        | t  |   | †         | _        | ┢        | †         | _         |           | 1        |
| +        |          | +        | 74<br>74      | ╀╌       | 1        | - | t         | _         | H        | 1  | _ | 1         | _        |          | 1         |           | L         | ]        |
| +        |          | +        | <del>75</del> | t        | 1        | _ | t         | _         | 1        | 7  |   | I         | _        |          |           |           | L         | 4        |
| t        | _        | +        | 76            | 十        | 1        |   | 1         |           |          |    | _ | 1         | _        | 1        | 4         | _         | 1-        | 4        |
| t        | _        | 7        | 77<br>78      | T        |          |   | 1         |           | L        | _  | _ | 4         | _        | ╀        | 4         | _         | ╀         | -        |
| Ī        |          |          | 78            | 1        |          | _ | 4         | _         | ╀        | _  | L | 4         | _        | ╀        | -         | -         | ╁         | $\dashv$ |
|          |          |          | 79            | 1        | _        | L | 4         |           | +        |    | - | 4         |          | +        | -         | ┢         | $\dagger$ | 1        |
| ١        |          | 4        | 80            | +        | _        | ┞ | -         | _         | ╁        | _  | ╁ | 1         | _        | t        | _         | T         | 1         | 7        |
| -        | _        | -        | 81<br>82      | +        | _        | ┞ | -         | -         | 1        | _  | t | 7         | Г        | 1        | _         |           | I         |          |
|          | _        | -        | 83            | +        | _        | t | -         | Г         | 1        | _  | 1 |           |          | 1        | _         | L         | 1         | _{       |
|          | -        |          | 84            | H        |          | t | _         |           |          | _  | I | _         |          | 4        |           | 1         | 4         | -        |
|          | $\vdash$ |          | 8             | 5 ]      |          | I |           | L         |          |    | 1 | _         | -        | 4        | _         | +         | +         | $\dashv$ |
|          |          |          | 86            | 3        | _        | 1 | _         | 1         | 4        |    | 4 | _         | 1        | -        | _         | ╁         | -         | $\dashv$ |
|          | L        |          | 8             | 깈        | _        | + | _         | +         | _        | -  | + | _         | ╁        | -        | -         | $\dagger$ | 7         | ᅥ        |
|          | -        |          | 8             | <u></u>  | -        | + |           | +         | _        | ┝  | 1 | _         | t        | -        | -         | †         | $\neg$    |          |
|          | 1        | _        | 8             | 9        | -        | 1 |           | t         | _        | H  | 1 | _         | †        | _        |           | I         |           |          |
| 1        | $\vdash$ |          | 9             |          | $\vdash$ | 1 | _         | +         | _        | T  |   |           | 1        | _        |           |           |           | $\Box$   |
| 1        | H        | _        | 9             | 12       | 1        |   |           | 1         | _        |    |   | L         | 1        | _        | Ļ         | 4         | _         | $\vdash$ |
| 1        | T        |          | 3             | 93       |          |   |           | 1         | _        | 1  | _ | -         | 4        |          | ╀         | 4         |           | $\vdash$ |
| 1        |          |          | 9             | 94       | 1        |   | L         | -         |          | 1  | _ | ┞         | 4        |          | ╁         | ᅥ         | _         | $\vdash$ |
| 1        |          |          |               | )5<br>)  | +        | _ | 1         | 4         |          | +  | _ | +         | -        | _        | $\dagger$ | -         | -         | 1-       |
| 1        | -        |          | 4             | 96       | +        | _ | ╀         | -         | -        | +  | _ | ╁         | ᅥ        | -        | †         |           | -         | 1        |
| 4        | 1        |          |               | 97<br>98 | ╁        | _ | ╁         | _         | $\vdash$ | †  | _ | $\dagger$ | _        | -        | †         | _         |           |          |
| +        | 1        | _        |               | 99<br>99 | 1        | - | $\dagger$ |           | 1        | 7  |   | +         | _        |          | 1         |           |           | L        |
| +        | 1        |          | -17           | 100      | 7        | _ | t         | _         |          | ]  | _ | I         |          |          | $\rfloor$ | _         | 1_        | ┸        |
|          | •        |          |               | _        |          |   | _         | _         | _        |    |   |           |          |          |           |           |           |          |

| ,  |           | •      |                |           |              |   |              |    |           |    |    |           |    |          |   |  |          |   |
|----|-----------|--------|----------------|-----------|--------------|---|--------------|----|-----------|----|----|-----------|----|----------|---|--|----------|---|
| 12 | im        |        |                |           |              |   | -            | Da | ite       | :  |    |           |    |          |   |  |          |   |
|    | 1 cointro |        |                |           |              |   |              |    |           |    |    |           |    |          |   |  |          | . Ŋ                                     |
|    | 1(        | 01     | 1              |           |              |   |              | L  |           | _  | 1  |           | -  | 4        |   | 1                                      |          |   |
| _  | 11        | 02     |                |           |              |   | L            | 1  |           |    | 1  | _         | 1  | 4        | _ | į                                      |          |   |
|    |           | 03     |                | L         | 1            |   | _            | 1  |           | _  | 4  |           | 1- | 4        |   | -                                      |          |   |
|    |           | 04     | _              | _         | 4            |   | 1            | 4  |           | 4_ | -  | _         | ╀  |          |   | 1                                      |          |   |
|    | 1         | 05     | 1              | 1-        | 4            | _ | 1            | 4  |           | ╀  | 4  | -         | +  | -        | _ | 4                                      |          |   |
| _  | 1         | 06     | 1              | 1         | 4            |   | ╀            | 4  |           | +  | _  |           | +  | -        |   | -                                      |          |   |
|    |           | 07     |                | +         | +            |   | ╁            | -1 | _         | +  | _  | }-        | +  |          | - | 1                                      |          |   |
| _  |           | 30     |                | ╀         | +            | _ | ╁            | -  |           | +  | _  | ╁         | +  | _        | - | 1                                      |          |   |
| _  |           | 09     |                | ╁         | +            | _ | ╁            | -  | -         | +  |    | 1         | Ť  |          | t | 7                                      |          |   |
| _  | +         | 111    | 十              | +         | 1            |   | $^{\dagger}$ | -  | $\vdash$  | †  | _  | t         | i  |          | 1 | 1                                      |          |   |
| -  | +         | 113    | ;              | $\dagger$ | ┪            | _ | +            |    | 1         | 1  |    | 1         | 1  |          | L |  |          |   |
| -  |           | 113    |                | +         |              | _ | 1            |    | Γ         | 1  |    | I         |    |          | 1 |  |          |   |
|    | +         | 11     | 4              | 7         |              | Г | T            |    | L         |    |    | 1         | _  | _        | 1 | _i                                     |          |   |
|    | +         | 11     | 5              | T         |              |   |              | _  |           | _  | _  | 1         |    | _        | 1 | _                                      | Ì        |   |
| _  | 7         | 11     | 6              | $\Box$    |              |   | _            |    | 1         | 4  |    | 4         |    | ļ.,      | 4 | _                                      |          |   |
| _  | 7         | 11     | 7              |           |              | L | _            |    | 1         |    | L  | 4         |    | -        | + |  | -        |   |
|    | $\Box$    | 11     | 8              | $\perp$   |              | 1 | _            | ÷  | 1         | _  | -  | 4         | _  | ļ-       | _ | _                                      | ļ        |   |
| _  | _         | 11     |                | -         | _            | 1 |              | _  | ╬         | _  | ╁  | $\dot{-}$ |    | Ť        | i | _                                      | İ        |   |
| _  | 4         | 12     | 20             | 4         |              | ╀ |              | -  | +         | _  | ╁  | -1        |    | 1        | 7 |  | 1        |   |
| _  | _         | 12     | 21             | _         | <del> </del> | ╁ |              | ┞  | +         | -  | ╁  | -1        | _  | †        | 7 |  | 1        |   |
| _  | 4         | 12     | 쐵              |           | ┝            | + |              | ╁- | 7         |    | t  | _         | ┢  | t        | _ |  | 1        |   |
| _  | -         | 1      | 23<br>24       | _         | $\vdash$     | + |              | ✝  | 1         |    | 1  |           | Γ  | 1        |   |  | ]        |   |
| _  | -         | 1      | 25             |           | 1-           | 1 |              | 1  | 7         |    | 1  |           |    | I        | _ | L                                      | 1        |   |
| -  |           | 1      | 26             |           | t            | 1 |              | 1  |           |    | I  |           | L  | 4        |   | 1_                                     | 4        |   |
| -  | _         | 1      | 27             | Γ         | T            |   |              | I  |           | L  | 1  |           | 1_ | 4        |   | ╀                                      | -        |   |
|    |           | 1      | 26<br>27<br>28 |           | Ι            |   | L            | 1  | _         | 1_ | 4  |           | 1  | -1       | _ | -                                      | $\dashv$ |   |
| _  |           | 1      | 29<br>30       |           | ]_           | _ | _            | 1  |           | ┞  | 4  | _         | +  | $\dashv$ |   | ╁                                      | $\dashv$ |   |
| _  |           | 1      | 30             |           | 1            | _ | L            | 4  |           | ╀  | 4  | -         | ╁  | 4        | H | ╁                                      | ┨        |   |
|    | _         | 11     | 31             | 1         | 4            |   | ┞            | 4  | _         | ╀  | -  | ┝         | +  |          | - | t                                      | ᅥ        |   |
| L  |           | 1      | 132            | ╁-        | 4            | _ | ╀            | +  | _         | ╁  | _  | -         | +  | _        | H | †                                      | 7        |   |
| L  | _         |        | 133            |           | +            | _ | ╁            | ┨  |           | +  | -  | t         | +  | _        | T | 7                                      |          |   |
| ŀ  |           | +      | 134<br>135     | +         | 1            | - | t            | -1 | ۲-        | †  | _  | t         | 7  |          | 1 | I                                      |          |   |
| ŀ  |           |        | 136            |           | 1            |   | †            | _  | 1         | 1  |    | 1         |    |          | 1 | _                                      |          |   |
| ŀ  |           | +      | 137            | +         | _            | _ | 1            | _  |           | I  | _  |           | _  | _        | 1 | -                                      | _        | 1                                       |
| t  |           | 1      | 138            | 3         |              |   | I            |    | L         | 4  | _  | 1         |    | _        | 4 | -                                      | -        | 1                                       |
| t  | _         |        | 139            | )         |              | L | 1            |    | 1         | 4  | -  | +         |    | -        | ‡ |  | -        | 1                                       |
| Ī  |           | $\Box$ | 140            |           | _            | L | 4            | _  | ╀         | 4  | -  | +         |    | ┨╴       | + |  | $\vdash$ | 1                                       |
| [  |           | _      | 14             |           |              | 1 | -            |    | +         |    | -  | +         | _  | t        | + | _                                      | 1        | 7                                       |
| ١  |           | -      | 14             | 2         |              | ╁ | -            | _  | +         |    | t  | 7         |    | t        | 7 |  | T        | ]                                       |
|    | -         | 4      | 14             |           |              | + | -            | -  | $\dagger$ | _  | +  | -         | ,  | 1        |   |  | I        |   |
|    | -         |        | 14             |           | -            | t | _            | 1  | †         |    | 1  | 7         | _  | I        |   |  | 1        | 1                                       |
|    | $\vdash$  |        | 14             |           | -            | † |              | T  | 7         | _  | T  |           |    | 1        |   | L                                      | 1        | 4                                       |
|    | -         |        | 14             |           | T            | † | _            | T  | 7         |    | I  |           | L  | 1        | _ | 1                                      | 4        | 4                                       |
|    | H         | _      |                | 18        |              | 1 |              | I  |           | _  | 1  |           | ŀ  | 4        |   | 1                                      | +        | $\dashv$                                |
|    | T         |        | 10             | 49        |              |   |              | 1  | _         | L  | 4  |           | 1  | +        | _ | +                                      | +        | $\dashv$                                |
|    |           |        | 1              | 50        |              | ل | L            | 1  | لــــا    | L  | لـ |           | L  | ك        |   | _ـــــــــــــــــــــــــــــــــــــ |          | ٠ لــــــــــــــــــــــــــــــــــــ |
|    |           |        |                |           |              |   |              |    |           |    |    |           | •• |          |   |  |          |   |

Part of Paper